



11-22-06  
DOCKET NO.: CARP0005-100

CoFc  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Diljeet Singh Athwal et al.

Confirmation No. 7772

U.S. Patent No.: 7,012,135 B2

Issued: March 14, 2006

Application Serial No.: 09/875,221

Art Unit: 1646

Filing Date: June 6, 2001

Examiner: Eileen B. O'Hara

For: BIOLOGICAL PRODUCTS

Customer No.: 34132

EXPRESS MAIL LABEL NO.: EV 676980644 US  
DATE OF DEPOSIT: November 20, 2006

ATTN: CERTIFICATE OF CORRECTIONS BRANCH

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

It is respectfully requested that a Certificate of Correction be issued for the above-identified patent. The errors were the fault of the Applicants. Applicants' errors occurred in good faith and are of a clerical or typographical nature, or minor character, and are not believed to constitute new matter or require examination. Specifically, the errors are in the sequence identification numbers. The sequence listing, as filed, did not comply with the Rules. A subsequent sequence listing was filed, which resulted in a renumbering of the sequences. No new matter has been added.

Please charge Deposit Account No. 50-1275 in the amount of \$100.00 for the error on behalf of Applicants. Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1275. This letter is enclosed in duplicate.

Enclosed herewith please find Sheets 1-9 of a completed Certificate of Correction Form PTO/SB/44 (Also Form PTO 1050).

Date: November 20, 2006

COZEN O'CONNOR, P.C.  
1900 Market Street, 7<sup>th</sup> Floor  
Philadelphia, PA 19103-3508  
(215) 665-5593 – Telephone  
(215) 701-2005 – Facsimile

Doreen Yatko Trujillo  
Registration No. 35,719

Certificate  
NOV 27 2006  
of Correction

NOV 28 2006

11/24/2006 SSESHE1 00000020 501275 7012135  
01 FC:1811 100.00 DA

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/875,221
	Filing Date	June 6, 2001
	First Named Inventor	Diljeet Singh Athwal
	Art Unit	1646
	Examiner Name	Eileen B. O'Hara
Total Number of Pages in This Submission	Attorney Docket Number	CARP0005-100

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Authorization Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Fee Transmittal, Request for Certificate of Correction, Sheets 1-9 of Certificate of Correction Form PTO/SB/44; authorization to charge deposit account no. 50-1275 in the amount of \$100.00
<b>Remarks</b> Express Mail Label No. EV 676980644 US Date of Deposit: November 20, 2006  <b>EV676980644US</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm	Cozen O'Connor		
Signature			
Printed Name	Doreen Y. Trujillo		
Date	November 20, 2006	Reg. No.	35,719

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

NOV 28 2006



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## FEE TRANSMITTAL for FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 100.00

### Complete If Known

Application Number	09/875,221
Filing Date	June 6, 2001
First Named Inventor	Diljeet Singh Athwal
Examiner Name	Eileen B. O'Hara
Art Unit	1646
Attorney Docket No.	CARP0005-100

### METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 50-1275 Deposit Account Name: Cozen O'Connor

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments

Under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

#### 2. EXCESS CLAIM FEES

Fee Description		Small Entity	
		Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)		50	25
Each independent claim over 3 (including Reissues)		200	100
Multiple dependent claims		360	180
Total Claims	Extra Claims	Fee(\$)	Fee Paid (\$)
- HP= _____	x _____	= _____	
HP = highest number of total claims paid for, if greater than 20.			
Indep. Claims	Extra Claims	Fee(\$)	Fee Paid (\$)
- HP= _____	x _____	= _____	
HP = highest number of independent claims paid for, if greater than 3.			

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	- 100 = _____	/ 50 = _____ (round up to a whole number) x _____	= _____	

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : Certificate of Correction - Applicant errors

Fees Paid (\$)
_____
100.00

### SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	35,719	Telephone	215.665.5593
Name (Print/Type)	Doreen Yalko Trujillo	Date	November 20, 2006		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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NOV 20 2006

## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 7,012,135 B2

Page 1 of 9

APPLICATION NO. : 09/875,221

ISSUE DATE : March 14, 2006

INVENTOR(S) : Diljeet Singh Athwal et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the drawings, Sheet 1, Fig. 1, "(SEQ ID NO: 83)" should read -- (SEQ ID NO: 87) --

In the drawings, Sheet 1, Fig. 1, "(SEQ ID NO: 84)" should read -- (SEQ ID NO: 88) --

In the drawings, Sheet 1, Fig. 1, "(SEQ ID NO: 85)" should read -- (SEQ ID NO: 89) --

In the drawings, Sheet 1, Fig. 1, "(SEQ ID NO: 86)" should read -- (SEQ ID NO: 90) --

In the drawings, Sheet 1, Fig. 1, "(SEQ ID NO: 87)" should read -- (SEQ ID NO: 91) --

In the drawings, Sheet 1, Fig. 1, "(SEQ ID NO: 88)" should read -- (SEQ ID NO: 92) --

In the drawings, Sheet 1, Fig. 1, "(SEQ ID NO: 89)" should read -- (SEQ ID NO: 93) --

In the drawings, Sheet 1, Fig. 1, "(SEQ ID NO: 90)" should read -- (SEQ ID NO: 94) --

In the drawings, Sheet 2, Fig. 2, "(SEQ ID NO: 91)" should read -- (SEQ ID NO: 95) --

In the drawings, Sheet 2, Fig. 2, "(SEQ ID NO: 92)" should read -- (SEQ ID NO: 96) --

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Doreen Yatko Trujillo, Reg. No. 35,719  
Cozen O'Connor, P.C.  
1900 Market Street  
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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NOV 28 2006

## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 7,012,135 B2

Page 2 of 9

APPLICATION NO. : 09/875,221

ISSUE DATE : March 14, 2006

INVENTOR(S) : Diljeet Singh Athwal et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the drawings, Sheet 2, Fig. 2, "(SEQ ID NO: 93)" should read -- (SEQ ID NO: 97) --

In the drawings, Sheet 2, Fig. 2, "(SEQ ID NO: 95)" should read -- (SEQ ID NO: 99) --

In the drawings, Sheet 2, Fig. 2, "(SEQ ID NO: 96)" should read -- (SEQ ID NO: 100) -- in each instance.

In the drawings, Sheet 2, Fig. 2, "(SEQ ID NO: 97)" should read -- (SEQ ID NO: 101) --

In the drawings, Sheet 2, Fig. 2, "(SEQ ID NO: 98)" should read -- (SEQ ID NO: 102) -- in each instance.

In the drawings, Sheet 2, Fig. 2, "(SEQ ID NO: 106)" should read -- (SEQ ID NO: 121) --

In the drawings, Sheet 2, Fig. 2, "(SEQ ID NO: 107)" should read -- (SEQ ID NO: 122) --

In the drawings, Sheet 2, Fig. 2, "(SEQ ID NO: 94)" should read -- (SEQ ID NO: 98) --

In the drawings, Sheet 2, Fig. 2, "(SEQ ID NO: 108)" should read -- (SEQ ID NO: 123) --

In the drawings, Sheet 2, Fig. 2, "(SEQ ID NO: 109)" should read -- (SEQ ID NO: 124) --

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NOV 23 2006

## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 7,012,135 B2

Page 3 of 9

APPLICATION NO. : 09/875,221

ISSUE DATE : March 14, 2006

INVENTOR(S) : Diljeet Singh Athwal et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the drawings, Sheet 4, Fig. 6, "(SEQ ID NO: 99)" should read -- (SEQ ID NOS: 103 and 104) --

In the drawings, Sheet 5, Fig. 7, "(SEQ ID NO: 100)" should read -- (SEQ ID NOS: 105 and 106) --

In the drawings, Sheet 7, Fig. 9, "(SEQ ID NO: 9)" should read -- (SEQ ID NOS: 10 and 11) --

In the drawings, Sheet 8, Fig. 10, "(SEQ ID NO: 10)" should read -- (SEQ ID NOS: 12 and 13) --

In the drawings, Sheet 9, Fig. 11, "(SEQ ID NO: 11)" should read -- (SEQ ID NOS: 14 and 15) --

In the drawings, Sheet 12, Fig. 15, "(SEQ ID NO: 101)" should read -- (SEQ ID NOS: 107 and 108) --

In the drawings, Sheet 16, Fig. 20, "(SEQ ID No: 102)" should read -- (SEQ ID NOS: 109-111) --

In the drawings, Sheet 16, Fig. 20, "(SEQ ID No: 103)" should read -- (SEQ ID NOS: 112-114) --

In the drawings, Sheet 16, Fig. 20, "(SEQ ID No: 104)" should read -- (SEQ ID NOS: 115-117) --

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## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 7,012,135 B2

Page 4 of 9

APPLICATION NO. : 09/875,221

ISSUE DATE : March 14, 2006

INVENTOR(S) : Diljeet Singh Athwal et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the drawings, Sheet 16, Fig. 20, "(SEQ ID No: 105)" should read -- (SEQ ID NOS: 118-120) --

Column 3, line 13, "Enbrel™" should read -- ENBREL -- ; and on line 16, "Remicade™" should read -- REMICADE -- .

Column 4, line 13, "(SEQ ID NOS: 83 to 90)" should read -- (SEQ ID NOS: 87-94) -- ; and on lines 17 and 18, "heavy chain (SEQ ID NOS: 91 to 98 and 96 to 109)" should read -- (SEQ ID NOS: 95 to 102 and 121, 96, 122, 98, 123, 100, 124, and 102) -- ; and on line 28, "(SEQ ID NO: 99)" should read -- (SEQ ID NOS: 103 and 104) -- ; and on line 31, "(SEQ ID NO: 100)" should read -- (SEQ ID NOS: 105 and 106) -- ; and on line 35, "(SEQ ID NO: 9)" should read -- (SEQ ID NOS: 10 and 11) -- ; and on line 37, "(SEQ ID NO: 10)" should read -- (SEQ ID NOS: 12 and 13) -- ; and on line 39, "(SEQ ID NO: 11)" should read -- (SEQ ID NOS: 14 and 15) -- ; and on line 50, "(SEQ ID NO: 101)" should read -- (SEQ ID NO: 107) -- and on line 61, "(SEQ ID NOS: 102 to 105)" should read -- (SEQ ID NOS: 109-120) -- .

Column 5, line 29, "(SEQ ID NO: 99)" should read -- (SEQ ID NO: 103) -- ; and on lines 29 and 30, "(SEQ ID NO: 100)" should read -- (SEQ ID NO: 105) -- ; and on lines 35 and 36, "(SEQ ID NO: 99)" should read -- (SEQ ID NO: 103) and "(SEQ ID NO: 100)" should read -- (SEQ ID NO: 105) -- ; and on line 45, "(SEQ ID NOS: 99 and 100)" should read -- (SEQ ID NOS: 103 and 105) -- ; and on line 48, "22" be italicized; and on line 50, "300" should be italicized.

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1900 Market Street  
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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NOV 28 2006

## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 7,012,135 B2

Page 5 of 9

APPLICATION NO. : 09/875,221

ISSUE DATE : March 14, 2006

INVENTOR(S) : Diljeet Singh Athwal et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 6, lines 10 and 11, "(SEQ ID NOS: 83, 85, 87 and 89)" should read -- SEQ ID NOS: 87, 89, 91, and 93 -- ; and on lines 13 and 14, "(SEQ ID NOS: 91, 93, 95 and 97 and SEQ ID NOS 106, 107, 108 and 109)" should read -- (SEQ ID NOS 95, 97, 99, and 101 and SEQ ID NOS:121, 122, 123, and 124). -- ; and on lines 37 and 38, "(SEQ ID NOS: 91, 93, 95 and 97)" should read -- (SEQ ID NOS: 95, 97, 99, and 101) -- ; and on lines 50 and 51, "(SEQ ID NOS: 106, 107, 108 and 109)" should read -- (SEQ ID NOS: 121, 122, 123 and 124) -- ; and on lines 58 and 59, "(SEQ ID NOS: 83, 85, 87 and 89)" should read -- (SEQ ID NOS: 87, 89, 91 and 93) -- .

Column 7, line 8, "SEQ ID NO: 111" should read -- SEQ ID NO: 126 -- ; and on line 9, "SEQ ID NO: 113" should read -- SEQ ID NO: 128 -- ; and on line 10, "SEQ ID NO: 111" should read -- SEQ ID NO: 126 -- ; and on line 11, "SEQ ID NO: 113" should read -- SEQ ID NO: 128 -- ; and on line 12, "SEQ ID NO: 110" should read -- SEQ ID NO: 125 and "SEQ ID NO: 112" should read -- SEQ ID NO: 127 -- ; and on line 23, "SEQ ID NO: 115" should read -- SEQ ID NO: 130 -- ; and on line 24, "SEQ ID NO: 113" should read -- SEQ ID NO: 128 -- ; and on line 25, "SEQ ID NO: 115" should read -- SEQ ID NO: 130 -- ; and on line 26, "SEQ ID NO: 114." should read -- SEQ ID NO: 129. -- ; and on line 56, "4000" should read -- 40,000 -- ; and on line 57, "4000" should read -- 40,000 -- .

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Philadelphia, PA 19103

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## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 7,012,135 B2

Page 6 of 9

APPLICATION NO. : 09/875,221

ISSUE DATE : March 14, 2006

INVENTOR(S) : Diljeet Singh Athwal et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 8, lines 65 and 66, "SEQ ID NO: 115" should read -- SEQ ID NO: 130 -- ; and on lines 66 and 67, "SEQ ID NO: 113" should read -- SEQ ID NO: 128 -- .

Column 9, line 38, "(SEQ ID NO: 11)." should read -- SEQ ID NO: 15). ; and on line 62, "SEQ ID NO: 9" should read -- SEQ ID NO: 10 -- ; and on line 66, "SEQ ID NO: 10" should read -- SEQ ID NO: 12 -- and "SEQ ID NO: 11" should read -- SEQ ID NO: 15 --

Column 15, line 43, "(SEQ ID NO: 12)" should read -- (SEQ ID NO: 16) --

Column 16, lines 50 and 51, "(SEQ ID NO: 100)." should read -- SEQ ID NO: 105 -- . ; and on line 67, "(SEQ ID NO: 99)." should read -- (SEQ ID NO: 103) -- .

Columns 17 and 18, in Table 1, "(SEQ ID NO: 13)" should read -- (SEQ ID NO: 17) -- ; "(SEQ ID NO: 14)" should read -- (SEQ ID NO: 18) -- ; "(SEQ ID NO: 15)" should read -- (SEQ ID NO: 19) -- ; "(SEQ ID NO: 16)" should read -- (SEQ ID NO: 20) -- ; "(SEQ ID NO: 17)" should read -- (SEQ ID NO: 21) -- ; "(SEQ ID NO: 18)" should read -- (SEQ ID NO: 22) -- ; "(SEQ ID NO: 19)" should read -- (SEQ ID NO: 23) -- ; "(SEQ ID NO: 20)" should read -- (SEQ ID NO: 24) -- ; "(SEQ ID NO: 21)" should read -- (SEQ ID NO: 25) -- ; "(SEQ ID NO: 22)" should read -- (SEQ ID NO: 26) -- ; "(SEQ ID NO: 23)" should read -- (SEQ ID NO: 27) -- ; "(SEQ ID NO: 24)" should read -- (SEQ ID NO: 28) -- ; "(SEQ ID NO: 25)" should read -- (SEQ ID NO: 29) --

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Cozen O'Connor, P.C.  
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## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 7,012,135 B2

Page 7 of 9

APPLICATION NO. : 09/875,221

ISSUE DATE : March 14, 2006

INVENTOR(S) : Diljeet Singh Athwal et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Columns 17 and 18, in Table 2, "(SEQ ID NO: 26)" should read -- (SEQ ID NO: 30) -- ; "(SEQ ID NO: 27)" should read -- (SEQ ID NO: 31) -- ; "(SEQ ID NO: 28)" should read -- (SEQ ID NO: 32) -- ; "(SEQ ID NO: 29)" should read -- (SEQ ID NO: 33) -- ; "(SEQ ID NO: 30)" should read -- (SEQ ID NO: 34) -- ; "(SEQ ID NO: 31)" should read -- (SEQ ID NO: 35) -- ; "(SEQ ID NO: 32)" should read -- (SEQ ID NO: 36) -- ; "(SEQ ID NO: 33)" should read -- (SEQ ID NO: 37) -- ; "(SEQ ID NO: 34)" should read -- (SEQ ID NO: 38) -- ; "(SEQ ID NO: 35)" should read -- (SEQ ID NO: 39) -- ; "(SEQ ID NO: 36)" should read -- (SEQ ID NO: 40) -- ; "(SEQ ID NO: 37)" should read -- (SEQ ID NO: 41) -- ; "(SEQ ID NO: 38)" should read -- (SEQ ID NO: 42) -- ; "(SEQ ID NO: 39)" should read -- (SEQ ID NO: 43) -- ; "(SEQ ID NO: 40)" should read -- (SEQ ID NO: 44) -- ; "(SEQ ID NO: 41)" should read -- (SEQ ID NO: 45) -- ; "(SEQ ID NO: 42)" should read -- (SEQ ID NO: 46) -- ; "(SEQ ID NO: 43)" should read -- (SEQ ID NO: 47) -- ; "(SEQ ID NO: 44)" should read -- (SEQ ID NO: 48) -- ; "(SEQ ID NO: 45)" should read -- (SEQ ID NO: 49) -- ; "(SEQ ID NO: 46)" should read -- (SEQ ID NO: 50) --

Column 19, line 2, "(SEQ ID NO: 47)" should read -- (SEQ ID NO: 51) --

Columns 19 and 20, in Table 3, "(SEQ ID NO: 48)" should read -- (SEQ ID NO: 52) -- ; and "(SEQ ID NO: 49)" should read -- (SEQ ID NO: 53) -- ; and in Table 5, "(SEQ ID NO: 50)" should read -- (SEQ ID NO: 54) -- and "(SEQ ID NO: 51)" should read -- (SEQ ID NO: 55) --

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## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 7,012,135 B2

Page 8 of 9

APPLICATION NO : 09/875,221

ISSUE DATE : March 14, 2006

INVENTOR(S) : Diljeet Singh Athwal et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 22, line 3, "(SEQ ID NO: 9)" should read -- (SEQ ID NO: 10) -- ; and on line 65, "(SEQ ID NO: 9)" should read -- (SEQ ID NO: 10) --

Columns 21 and 22, "(SEQ ID NO: 52)" should read -- (SEQ ID NO: 56) -- ; "(SEQ ID NO: 53)" should read -- (SEQ ID NO: 57) -- ; "(SEQ ID NO: 54)" should read -- (SEQ ID NO: 58) -- ; "(SEQ ID NO: 55)" should read -- (SEQ ID NO: 59) -- ; "(SEQ ID NO: 56)" should read -- (SEQ ID NO: 60) -- ; "(SEQ ID NO: 57)" should read -- (SEQ ID NO: 61) -- ; and "(SEQ ID NO: 58)" should read -- (SEQ ID NO: 62) --

Columns 23 and 24, "(SEQ ID NO: 59)" should read -- (SEQ ID NO: 63) -- ; "(SEQ ID NO: 60)" should read -- (SEQ ID NO: 64) -- ; "(SEQ ID NO: 61)" should read -- (SEQ ID NO: 65) -- ; and "(SEQ ID NO: 62)" should read -- (SEQ ID NO: 66) --

Columns 25 and 26, "(SEQ ID NO: 69)" should read -- (SEQ ID NO: 73) -- ; "(SEQ ID NO: 70)" should read -- (SEQ ID NO: 74) -- ; and "(SEQ ID NO: 71)" should read -- (SEQ ID NO: 75) -- in both instances (Group 1 graft and Group 3 graft)

Column 26, lines 21 and 22, "(SEQ ID NO: 10)." should read -- (SEQ ID NO: 12). --

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## UNITED STATES PATENT AND TRADEMARK OFFICE

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PATENT NO : 7,012,135 B2

Page 9 of 9

APPLICATION NO : 09/875,221

ISSUE DATE : March 14, 2006

INVENTOR(S) : Diljeet Singh Athwal et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Columns 25 and 26, "(SEQ ID NO: 72)" should read -- (SEQ ID NO: 76) -- ; "(SEQ ID NO: 73)" should read -- (SEQ ID NO: 77) -- ; "(SEQ ID NO: 74)" should read -- (SEQ ID NO: 78) -- ; "(SEQ ID NO: 75)" should read -- (SEQ ID NO: 79) -- ; "(SEQ ID NO: 76)" should read -- (SEQ ID NO: 80) -- ; "(SEQ ID NO: 77)" should read -- (SEQ ID NO: 81) -- ; and "(SEQ ID NO: 78)" should read -- (SEQ ID NO: 82) --

Columns 29 and 30, "(SEQ ID NO: 79)" should read -- (SEQ ID NO: 83) -- and "(SEQ ID NO: 80)" should read -- (SEQ ID NO: 84) -- ;

Column 29, line 59, "(SEQ ID NO: 81)" should read -- (SEQ ID NO: 85) -- ; and on line 62, "(SEQ ID NO: 82)" should read -- (SEQ ID NO: 86) --

Column 31, line 39, "SEQ ID NO: 115" should read -- SEQ ID NO: 130 -- ; and on line 40, "SEQ ID NO: 113." should read -- SEQ ID NO: 128. --

Column 91, Claim 1, line 32, "(SEQ ID NO: 11)." should read -- (SEQ ID NO: 14). -- ; and claim 2, line 35, "(SEQ ID NO: 115)." should read -- (SEQ ID NO: 130). -- ; and claim 2, line 37, "(SEQ ID NO: 113)" should read -- SEQ ID NO: 128) --

Column 92, Claim 3, line 30, "(SEQ ID NO: 115)" should read -- (SEQ ID NO: 130) -- ; and claim 3, line 31, "(SEQ ID NO: 113)" should read -- (SEQ ID NO: 128) --

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